

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/000259

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC7 A61K 35/78

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

A61K 35/78, A23L 1/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
PubMed on-line

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	CHEON, SA et al. 'The anti-inflammatory and analgesic actions of the fractions from Pulsatilla koreana root extract' In; Kor. J. Pharmacogn. 2000; 31(2): 174-84	1 2-4
Y	RAMARAO, P et al. 'Antagonism of the acute pharmacological actions of morphine by Panax ginseng extract' In; Gen. Pharmacol. 1990; 21(6): 877-80	2-4
Y	SAMPSON, JH et al. 'Ethnomedicinally selected plants as sources of potential analgesic compounds: indication of in vitro biological activity in receptor binding assays' In; Phytother. Res. 2000; 14(1): 24-9	2-4
Y	YOON, SR et al. 'Ginsenosides induce differential antinociception and inhibit substance P induced-nociceptive response in mice' In; Life Sci. 1998; 62(21): PL 319-25	2-4
Y	NAH, JJ et al. 'Effect of ginsenosides, active components of ginseng, on capsaicin-induced behavior' In; Neuropharmacology, 2000; 39(11): 2180-4	2-4
Y	RHIM, H et al. 'Ginseng and ginsenoside Rg3, a newly identified active ingredient of ginseng, modulate Ca <sup>2+</sup> channel currents in rat sensory neurons' In; Eur. J. Pharmacol. 2002; 436(3): 151-8	2-4
Y	CN 1157169 A (LIU, T), 20 August 1997 See abstract	2-4

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family


Date of the actual completion of the international search

25 MAY 2004 (25.05.2004)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR

 Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

YEO, Ho Sup

Telephone No. 82-42-481-5627



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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 06-107553 A2 (NISSEI MARINE KOGYO KK), 19 April 1994 See entire document	2-4
Y	CN 1123167 A (HAO, Z), 29 May 1996 See abstract	2-4
Y	US 4592912 (NICKOLAUS, H), 03 June 1986 See entire document	2-4
A	JP 2001-086953 A (OTSUKA YAKUHHN KOGYO KK), 03 April 2001 See claims	2-4
A	KR 2000-0041190 A (LG CHEMICAL CO., LTD.), 15 July 2000 See abstract	2-4

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/000259

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN 1157169 A	20/08/1997	NONE	
JP 06-107553 A2	19/04/1994	EP 0590403 A3	22/02/1995
CN 1123167 A	29/05/1996	NONE	
US 4592912	03/06/1986	NONE	
JP 2001-086953 A	03/04/2001	NONE	
KR 2000-0041190 A	15/07/2000	NONE	